**CUSTOMER TABLE-**

create table customer( C\_ID number(5) not null primary key, C\_FNAME varchar2(20) not null, C\_LNAME varchar2(20) not null, C\_MOBILE\_NO number(10) not null, C\_ADD\_LINE1 varchar2(20) not null, C\_ADD\_LINE2 varchar2(20) not null, C\_ADD\_CITY varchar2(15) not null, C\_ADD\_STATE varchar2(15) not null, C\_ADD\_PIN number(6) not null, C\_GENDER varchar2(6) not null, email varchar2(60)not null, password varchar2(50) not null);

**SEQUENCE-**

CREATE Sequence C\_ID\_VAL

start with 10001

increment by 1

maxvalue 99999

NOCACHE

NOCYCLE;

(WHILE INSERTING, use: “ C\_ID\_VAL.nextVAL” )

**SAVING ACCOUNT-**

create table SAVING\_ACC( ACCOUNT\_NO number(16) not null primary key, C\_ID number(5) not null unique, STATUS varchar2(6), START\_DATE date, END\_DATE date, BALANCE number(12) not null, WITHDRAWL number(4) DEFAULT 0, CONSTRAINT FK1 FOREIGN KEY (C\_ID) REFERENCES CUSTOMER(C\_ID));

**SEQUENCE-**

CREATE Sequence ACCOUNT\_NO\_VAL1

start with 1000000000000001

increment by 1

maxvalue 9999999999999999

NOCACHE

NOCYCLE;

(WHILE INSERTING INTO TABLE, use: ACCOUNT\_NO\_VAL )

**CURRENT ACCOUNT-**

create table CURRENT\_ACC( ACCOUNT\_NO number(16) not null primary key, C\_ID number(5) not null unique, STATUS varchar2(6), START\_DATE date, END\_DATE date, BALANCE number(12) not null, CONSTRAINT FK2 FOREIGN KEY (C\_ID) REFERENCES CUSTOMER(C\_ID), CONSTRAINT CK1 CHECK (BALANCE>=5000);

**SEQUENCE-**

CREATE Sequence ACCOUNT\_NO\_VAL2

start with 1000000000000001

increment by 1

maxvalue 9999999999999999

NOCACHE

NOCYCLE;

**HISTORY-**

CREATE table HISTORY(C\_ID number(5) not null, DATE\_OF\_TRANSACTION date, ACTION varchar2(12) not null, AMOUNT number(10) not null, BALANCE number(10) not null,  [TYPE\_OF\_ACCOUNT](javascript:ret_Column('TYPE_OF_ACCOUNT');) varchar2(30) not null,CONSTRAINT FK3 FOREIGN KEY (C\_ID) REFERENCES CUSTOMER(C\_ID) );

**FIXED DEPOSITE-**

CREATE table FIXED\_DEPOSITE(FD\_ACCOUNT\_NO number(16) not null primary key, C\_ID number(5) not null, START\_DATE date,BALANCE number(12) not null, TERM number(2), CONSTRAINT FK4 FOREIGN KEY (C\_ID) REFERENCES CUSTOMER(C\_ID), CONSTRAINT CK2 CHECK (BALANCE>=1000), CONSTRAINT CK3 CHECK (TERM>=12));

**SEQUENCE-**

CREATE Sequence FD\_ACCOUNT\_NO\_VAL

start with 4000000000000001

increment by 1

maxvalue 9999999999999999

NOCACHE

NOCYCLE;

**LOAN-**

CREATE table LOAN(L\_ACCOUNT\_NO number(16) not null primary key, C\_ID number(5) not null, START\_DATE date, LOAN\_AMOUNT number(12) not null, TERM number(2), CONSTRAINT FK5 FOREIGN KEY (C\_ID) REFERENCES CUSTOMER(C\_ID));

**SEQUENCE-**

CREATE Sequence LOAN\_VAL

start with 4000000000000001

increment by 1

maxvalue 9999999999999999

NOCACHE

NOCYCLE;

**ADMIN TABLE**

create table admin(name varchar2(20)default 'Abhishek',password varchar2(20) default 'LPWC',status varchar2(10) default 'ACTIVE')

**NOTE:“run this command once after creating the ADMIN TABLE”**

“insert into admin values('Abhishek','LPWC','ACTIVE')”